

Commodity Code/Description:

Advanced handheld, battery operated, automatic hearing test set.

Features must include the following:

- Advanced TEOAE, DPOAE, and AABR capability with fully automated results (Pass/Refer) not requiring interpretation
- Preset screening parameters that cannot be adjusted
- TEOAE frequency testing range at least 1.5 to 3.5 kHz
- DPOAE frequency specific screening at least 2,2.5,3.2 and 4 kHz
- AABR testing frequency range: 2 to 4 kHz (Minimum)
- Must have artifact rejection system able to distinguish between external noise and actual patient responses
- Desired fast test times:
 - TEOAE: Approximately 20 seconds
 - DPOAE: Approximately 30 seconds
 - AABR technology: Approximately 2 minutes
- Equipment must be able to export data including infant identifying information to a PC/flash drive...etc in format compatible with office software
- Displays must be simple and easy to use:
 - Graphics must show statistical result patterns
 - Keypad must permit fast data entry
 - Ear probe must be light weight and easy to clean
 - Re-chargeable battery must be easily exchangeable with fully charged life of at least 10 hours
- Must include carrying case, accessory pack, 2 ear probe cables, 2 Y-cables, 1 ABR cable, 1 set of electrodes and echo-couplers, and a suitable label printer.
- Unit must be domestically manufactured so that timely Technical Service Support is available 24/7
- Manufacturer must provide timely training for the unit, to include importing/exporting information and data management, from a readily available, fully knowledgeable technician
- Unit must be covered by a Standard 1 Year Warranty